

LSG-System

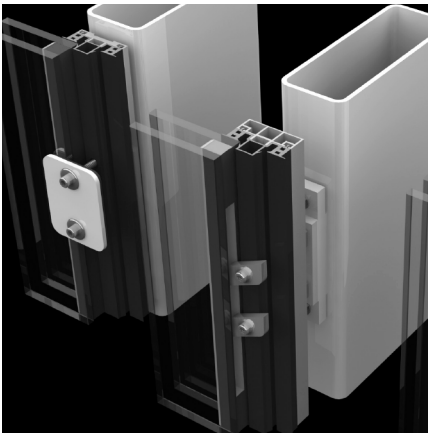
Linear Supported Glass

Glazing System

NOVUM







### System Components

01. Novum silicone setting gasket with butyl sealant provides a secondary water barrier
02. Cap plates are optional and can be aluminum or Grade 316 stainless steel
03. Internal aluminum extruded carrier profile directly mounted on substructure or with an offset for more tolerance compensation and free air ventilation
04. Glass panels mechanically attach to the substructure with hidden Grade 304 stainless toggle fasteners or local patches
05. Exterior weather seal comprised of wet silicone



### Applications

01. Vertical, overhead and sloped structural glazing
02. Used where direct attachment to a steel structure is desirable
03. Where flat panels are to be continuously supported along their edges
04. Accommodates monolithic, laminated and insulating glass of all thicknesses
05. Where a secondary line of defense of the glazing system is prescribed
06. Typically used on orthogonal planar glass geometries



### System Attributes

01. Good transparency as the contemporary skin system is more directly integrated to the primary structure, thereby decreasing layering effects
02. Controlled glass joint widths
03. Insulated glass can be attached with special inset in the spacer or utilize an aluminum rear channel
04. Panels can be 2, 3 or 4-sided support
05. The 2-sided support option allows glass to glass joints in one direction
06. Architectural exterior options include flush glazed, 2 or 4-sided capped
07. Glass panels are designed using finite element analysis for maximum safety
08. Large panel sizes and loads can be accommodated by increasing the number of toggle fasteners
09. Well suited to minor angular changes in surface planes
10. Integrates fully with most Novum Structural Systems and is typically used with AES, BK and BB Systems
11. Two plane drainage system can be realized for 4-sided supported panels

### Options/Materials/Finishes

01. Glass can be monolithic, laminated or insulated in varied thicknesses
02. Many glass coatings and frit patterns are available
03. Standard silicone gasket is black with dark gray as an option
04. Cap plates are powder coated aluminum as standard. Options include stainless steel with varied brushed finishes
05. Aluminum carrier profiles are clear anodized as standard. Powder coated in standard colors is also available